

REMARKS

Claims 30-39 are now pending in this application. By this Amendment, claim 30 is amended and claims 38 and 39 are added. Support for the amendments can be found in the present specification at, for example, the paragraph bridging pages 10 and 11 and the paragraph bridging pages 11 and 12.

Entry of the amendments is proper under 37 CFR §1.116 since the amendments: (a) place the application in condition for allowance (for the reasons discussed herein); (b) do not raise any new issue requiring further search and/or consideration (since the amendments amplify issues previously discussed throughout prosecution); and (c) place the application in better form for appeal, should an appeal be necessary. The amendments are necessary and were not earlier presented because they are made in response to arguments raised in the final rejection. Entry of the amendments is thus respectfully requested.

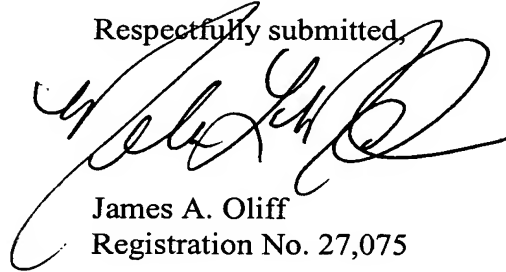
Claims 30-37 are rejected under 35 U.S.C. §102 over Melcher et al. (hereinafter "Melcher"). Applicants respectfully traverse the rejection.

Claim 30 has been amended to recite that the laser is a mode-locked laser. Similarly, new independent claim 39 had been added to recite that the pulse layer has an electric field in the order to tens of GW/cm^2 . Melcher does not teach an apparatus having a mode-locked laser, as recited in claim 30, or a pulse laser having a powerful electric field in the order of tens of GW/cm^2 , as recited in claim 39. Therefore, the rejection over Melcher should be reconsidered and withdrawn.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 30-39 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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